

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (canceled)

2. (currently amended) ~~The intervertebral cage according to claim 1~~ An intervertebral cage for treating degeneration of the spine and suitable for being interposed between two consecutive vertebrae, the cage comprising:

- a block;
- at least one anchor member comprising a pivot defining a first axis of rotation, and at least one blade secured to said pivot and occupying substantially a first plane making a non-zero angle  $\alpha$  relative to said first axis; and
- means for mounting the pivot to turn relative to said block, said means comprising a hole in the block along a second axis, a slot in the block substantially in a second plane making an angle  $\gamma$  substantially equal to the angle  $\alpha$  relative to the second axis, the slot and the hole having a common portion suitable for containing the pivot, and means for associating the pivot to turn relative to the block when the pivot is in position in said common portion and in such a manner that when, in said position, the pivot is turned through a given amplitude relative

to the block, the anchor member is suitable for taking up at least a first position and a second position, the first position being that in which the blade is fully contained within the slot, and the second position being that in which a portion of the end of the blade emerges from said slot;

the pivot includes a second rotary shaft having the first axis as its axis, the means for associating the pivot to turn relative to the block comprises a second bearing that is open towards an opening of said slot situated in the surface of the block, said second bearing being in said common portion so as to be centered on said second axis, diameters of the second bearing and of the second rotary shaft being substantially equal, the diameters of the second rotary shaft and of the second bearing being greater than a minimum diameter of the cross-section of the hole,

wherein the open second bearing is constituted by two open cylindrical surfaces separated by an empty space of width that is not less than the maximum thickness of the blade in its portion that is secured to the pivot.

3. (previously presented) The intervertebral cage according to claim 2, wherein the open second bearing is a retention bearing.

4. (previously presented) The intervertebral cage according to claim 3, wherein at least one of the two open cylindrical surfaces is defined over an angle greater than  $180^\circ$ .

5. (canceled)

6. (currently amended) ~~The intervertebral cage according to claim 5~~ An intervertebral cage for treating degeneration of the spine and suitable for being interposed between two consecutive vertebrae, the cage comprising:

- a block;
- at least one anchor member comprising a pivot defining a first axis of rotation, and at least one blade secured to said pivot and occupying substantially a first plane making a non-zero angle  $\alpha$  relative to said first axis;
- means for mounting the pivot to turn relative to said block, said means comprising a hole in the block along a second axis, a slot in the block substantially in a second plane making an angle  $\gamma$  substantially equal to the angle  $\alpha$  relative to the second axis, the slot and the hole having a common portion suitable for containing the pivot, and means for associating the pivot to turn relative to the block when the pivot is in position in said common portion and in such a manner that when, in said position, the pivot is turned through a given amplitude relative to the block, the anchor member is suitable for taking up at

least a first position and a second position, the first position being that in which the blade is fully contained within the slot, and the second position being that in which a portion of the end of the blade emerges from said slot;

the pivot includes a second rotary shaft having the first axis as its axis, the means for associating the pivot to turn relative to the block comprises a second bearing that is open towards an opening of said slot situated in the surface of the block, said second bearing being in said common portion so as to be centered on said second axis, diameters of the second bearing and of the second rotary shaft being substantially equal, the diameters of the second rotary shaft and of the second bearing being greater than a minimum diameter of the cross-section of the hole; and

further comprising means for turning said pivot about said second axis in such a manner that said anchor member is suitable for taking up said first position and said second position,

wherein the means for turning said pivot about said second axis comprise a socket of polygonal cross-section made in the face of the second rotary shaft that faces the hole when said second rotary shaft is mounted to rotate in the open second bearing, said socket being centered substantially on said first axis and being of cross-section smaller than that of said hole.

7. (previously presented) The intervertebral cage according to claim 6, further comprising an orifice having tapping, said orifice being formed in the second rotary shaft being centered on the first axis and opening out into the end of said hollow recess, the diameter of said tapped orifice being less than the cross-section of said socket, and means for indexing the position of an ancillary relative to the block formed in the face of the block into which said hole opens out.

8-9. (canceled)